

**Abstract:**

The invention relates to a heat exchanger permitting, in an efficient, simple and reliable manner and for a moderate cost, the connection in series, in parallel or according to a mixed configuration of thermal elements to one another and to an external circuit while limiting the risks of leakage and the number of connections. The heat exchanger (1a) comprises calorie-emitting and negative calorie-emitting thermal elements (2a1, 2a2) each of which being passed through by a conduit whose inlet orifices (21) and outlet orifices (22) are connected to one another and to at least one thermal fluid circuit by an interface plate (3a) situated above a closing plate (5a) and defining two interface circuits (4a1, 4a2). The interface plate (3a) also comprises two supply orifices (31) and two discharge orifices (32) for connecting the interface circuits to two external circuits hot and cold suited for using the calories and the negative calories recovered from the thermal fluid. The inventive heat exchanger is to be used for cooling, heating, air-conditioning, and regulating temperature in any type of installation.